WHAT IS CLAIMED IS:

l	1. Apparatus for mapping out endoluminal gastrointestinal surgery, the			
2	apparatus comprising:			
3	an endoluminal support configured for endoluminal placement within a			
1	gastrointestinal lumen; and			
5	a marking device disposed on the support, the marking device configured to			
5	submucosally mark the gastrointestinal lumen.			
	2. The apparatus of claim 1, further comprising an approximation element			
<u>.</u>	configured to approximate the support and a mucosal surface of the gastrointestinal lumen.			
٤	configured to approximate the support and a flucosar surface of the gastronitestinal funien.			
l	3. The apparatus of claim 2, wherein the approximation element is			
2	disposed on the endoluminal support.			
	4. The apparatus of claim 2, wherein the approximation element			
2	comprises an element chosen from the group consisting of suction ports, inflation elements			
3	and combinations thereof.			
l	5. The apparatus of claim 1, wherein the submucosal marking device			
2	comprises needles configured to penetrate mucosal tissue.			
l	6. The apparatus of claim 5, wherein the needles are configured to inject			
2	marking elements submucosally.			
l	7. The apparatus of claim 5, wherein the marking elements are chosen			
2	from the group consisting of dyes, fluorescent dyes, colored dyes, saline, bulking agents,			
3	collagen, spheres, nanospheres, magnetic materials, ferromagnetic materials, Curie point			
1	materials, plastic materials, inert materials, radiopaque materials, bioresorbable materials and			
5	combinations thereof.			
l	8. Apparatus for mapping out endoluminal gastrointestinal surgery, the			
2	apparatus comprising:			
3	an endoluminal support configured for endoluminal placement within a gastrointestinal			
1	lumen; and			
5	a radiofrequency element on the support for marking the gastrointestinal			
5	lumen.			

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2	9. The apparatus of claim 8 further comprising an approximation element	ıt			
3	configured to approximate an interior of the gastrointestinal lumen and the endoluminal				
4	support.				
1	10. The apparatus of claim 9, wherein the approximation element is				
2	disposed on the endoluminal support.				
1	11. The apparatus of claim 8, wherein the radiofrequency element				
2	comprises at least one electrode, the at least one electrode disposed on a surface of the				
3	endoluminal support and coupleable to a radiofrequency generator.				
1	12. The apparatus of claim 9, wherein the approximation element				
2	comprises an element chosen from the group consisting of suction ports, inflation elements				
3	and combinations thereof.				
1	13. Apparatus for mapping out endoluminal gastrointestinal surgery, the				
2	apparatus comprising:				
3	an endoluminal support configured for endoluminal placement within a				
4	gastrointestinal lumen; and				
5	a marking device disposed on the support for marking the gastrointestinal				
6	lumen with pegs.				
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2	14. The apparatus of claim 13 further comprising an approximation				
3	element configured to approximate an interior of the gastrointestinal lumen and the				
4	endoluminal support.				
1	15. The apparatus of claim 14, wherein the approximating element is				
2	disposed on the endoluminal support.				
1	16. The apparatus of claim 13, wherein the marking device further				
2	comprises surgical mesh.				
1	17. Apparatus for mapping out endoluminal gastrointestinal surgery, the				
2	apparatus comprising:				

3	an en	doluminal support configured for endoluminal placement within a				
4	gastrointestinal lumen; and					
5	indici	indicia on the endoluminal support which are visible to provide a map of the				
6	endoluminal gastric	endoluminal gastric reduction when the endoluminal support is present in the gastrointestinal				
7	lumen.					
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2	18.	The apparatus of claim 17 further comprising an approximation				
3	element configured t	to approximate an interior of the gastrointestinal lumen and the				
4	endoluminal support					
1	19.	The apparatus of claim 15, wherein the approximating element is				
2	disposed on the endo	disposed on the endoluminal support.				
1	20.	The apparatus of claim 17, wherein the indicia are chosen from the				
2		dimensions, shapes, colors, textures, and combinations thereof.				
	8-11	•				
1	21.	A method for mapping out endoluminal gastric reduction, the method				
2	comprising:					
3	advar	ncing an endoluminal support into a patient's stomach; and				
4	subm	ucosally marking an interior of the stomach at at least one specified				
5	location.					
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2	22.	The method of claim 21, wherein submucosally marking the interior				
3	further comprises ap	pproximating the interior and the endoluminal support.				
1	23.	The method of claim 21, wherein submucosally marking the interior				
2	further comprises su	further comprises submucosally injecting at least one marking element into a wall of the				
3	stomach.					
1	24.	The method of claim 18, wherein submucosally marking the interior				
2	further comprises su	bmucosally marking the interior with at least one marking element				
3	chosen from the group consisting of dye, bulking agents, spheres and combinations thereof.					
1	25.	A method for mapping out endoluminal gastric reduction, the method				
2	comprising:					
3	adva	ncing a radiofrequency endoluminal support into a patient's stomach; and				

4		expos	ing an interior of the stomach to radiofrequency energy from the suppor			
5	at at least one	least one specified location, wherein said exposure creates a visible marking.				
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2		26.	The method of claim 25 further comprising approximating the interior			
3	of the stomac	omach and the endoluminal support.				
1		27.	The method of claim 25, wherein exposing the interior to			
2	radiofrequenc	ency energy comprises locally burning a mucosa layer of the interior of the				
3	stomach.					
1		28.	A method for mapping out endoluminal gastric reduction, the method			
2	comprising:					
3		advan	cing an endoluminal support into a patient's stomach; and			
4		marki	ng an interior of the stomach at specified locations with at least one peg			
5	delivered from	m the endoluminal support.				
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2		29.	The method of claim 28 further comprising approximating the interior			
3	of the stomac	he stomach and the endoluminal support.				
1	·	30.	The method of claim 28 further comprising marking the interior with			
2	surgical mesh	ı.				
1		31.	A method for mapping out endoluminal gastric reduction, the method			
2	comprising:					
3		advan	cing an endoluminal support into a patient's stomach; and			
4		detect	ing indicia of the endoluminal support to map out endoluminal gastric			
5	reduction.					